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| FORM PTO 1449 (modified)  |  | ATTY DOCKET NO. 026083/0195                      |  | SERIAL NO. 09/256,237 |  |
| U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE                    |  | APPLICANT: Hans Heinrich HEIDTMANN <i>et al.</i> |  |                       |  |
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| U.S. PATENT DOCUMENTS |                    |      |       |          |                               |  |
|-----------------------|--------------------|------|-------|----------|-------------------------------|--|
| *EXAMINER<br>INITIAL  | DOCUMENT<br>NUMBER | NAME | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |  |
|                       |                    |      |       |          |                               |  |
|                       |                    |      |       |          |                               |  |
|                       |                    |      |       |          |                               |  |

  

| FOREIGN PATENT DOCUMENTS |      |         |       |          |                       |  |
|--------------------------|------|---------|-------|----------|-----------------------|--|
| DOCUMENT<br>NUMBER       | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |  |
|                          |      |         |       |          |                       |  |
|                          |      |         |       |          |                       |  |
|                          |      |         |       |          |                       |  |
|                          |      |         |       |          |                       |  |

  

| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) |     |  |
|--|-----|--|
|  | A1  | Specific Chemoimmunotherapy, pp. 81-85.  |
|  | A2  | M. Schmitt, <i>et al.</i> , "Tumor-associated Proteases", <i>Fibrinolysis</i> , Vol. 6, Suppl. 4, pp. 3-26 (1992).   |
|  | A3  | D.W. Cottam <i>et al.</i> , "Regulation of matrix metalloproteinases: their role in tumor invasion and metastasis (Review)", <i>International Journal of Oncology</i> , Vol. 2, pp. 861-872 (1993).                          |
|  | A4  | Tryggvason <i>et al.</i> "Type IV collagenases in invasive tumors", <i>Breast Cancer Research and Treatment</i> , Vol. 24, pp. 209-218 (1993).   |
|  | A5  | Leto <i>et al.</i> , "Cathepsin D in the Malignant Progression of Neoplastic Diseases (Review)," <i>Anticancer Research</i> , Vol. 12, pp. 235-240 (1992).   |
|  | A6  | D.A. Hart, "Dysregulation of Plasminogen Activators in Cancer—Potential Role in Invasion, Metastasis and as a Prognostic Indicator", <i>Fibrinolysis</i> , Vol. 6, Suppl. 1, pp. 11-15 (1992).                               |
|  | A7  | Albini, <i>et al.</i> , "Tumor Cell Invasion Inhibited by TIMP-2", <i>Reports</i> , Vol. 83, No. 11, pp. 775-779 (June 5, 1991).   |
|  | A8  | Hocman, "Chemoprevention of Cancer: Protease Inhibitors", <i>Minireview</i> , pp. 1365-1375 (1991).  |
|  | A9  | Walter Troll, Ph.D., <i>et al.</i> , "Protease Inhibitors as Anticarcinogens", <i>JNCI</i> , Vol. 73, No. 6, pp. 1245-1250 (December 1984).  |
|  | A10 | J.M. Ray, <i>et al.</i> , "The role of matrix metalloproteinases and their inhibitors in tumour invasion, metastasis and angiogenesis", <i>Eur Respir J</i> , Vol. 7, pp. 2062-2072 (1994).                                  |
|  | A11 | Koop, <i>et al.</i> , "Overexpression of Metalloproteinase Inhibitor in B16F10 Cells Does Not Affect Extravasation but Reduces Tumor Growth", <i>Cancer Research</i> , Vol. 54, pp. 4791-4797 (September 1, 1994).           |
|  | A12 | Chirivi, <i>et al.</i> , "Inhibition of the Metastatic Spread and Growth of B16-BL6 Murine Melanoma by a Synthetic Matrix Metalloproteinase Inhibitor", <i>Int. J. Cancer</i> , Vol. 58, pp. 460-464 (1994).                 |
|  | A13 | Denhardt, <i>et al.</i> , "Tissue Inhibitor of Metalloproteinases (TIMP, aka EPA): Structure, Control of Expression and Biological Functions", <i>Pharmac. Ther.</i> , Vol. 59, pp. 329-341 (1993).                          |
|  | A14 | Melchiori, <i>et al.</i> , "Inhibition of Tumor Cell Invasion by a Highly Conserved Peptide Sequence from the Matrix Metalloproteinase Enzyme Prosegment", <i>Cancer Research</i> , Vol. 52, pp. 2353-2356 (April 15, 1992). |
|  | A15 | Panchal, <i>et al.</i> , "Tumor protease-activated, pore-forming toxins from a combinatorial library", <i>Nature Biotechnology</i> , Vol. 14, pp. 852-856 (July 1996).   |

|   |  |                    |  |  |                       |          |
|---|--|--------------------|--|--|-----------------------|----------|
| SHEET 2 of 10   |  |                    |  |  |                       |          |
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| *EXAMINER<br>INITIAL  |  | DOCUMENT<br>NUMBER | DATE   | NAME   | CLASS                 | SUBCLASS |
| Jes   |  | A16                |  | McDonald, <i>et al.</i> , "A Brief History of the Study of Mammalian Exopeptidases", <i>Mammalian Proteases</i> , Vol. 2, pp. 5-19 (1986).   |                       |          |
|   |  | A17                |  | Pappot, <i>et al.</i> , "The plasminogen activation system and its role in lung cancer. A review.", <i>Lung Cancer</i> , Vol. 12, pp. 1-12 (1995).   |                       |          |
|   |  | A18                |  | Monsky, <i>et al.</i> , "Proteases of cell adhesion proteins in cancer", <i>Cancer Biology</i> , Vol. 4, pp. 251-258 (1993).   |                       |          |
|   |  | A19                |  | Rocheftort, <i>et al.</i> , "Protéases lysosomiales et invasion tumorale", <i>médecine/sciences</i> , Vol. 7, pp. 30-36 (1991).  |                       |          |
|   |  | A20                |  | Kao, <i>et al.</i> , "Collagenases in Human Breast Carcinoma Cell Lines", <i>Cancer Research</i> , Vol. 46, pp. 1349-1354 (March 1986).  |                       |          |
|   |  | A21                |  | Fridman, <i>et al.</i> , "Activation of Progelatinase B (MMP-9) by Gelatinase A (MMP-2)", <i>Cancer Research</i> , Vol. 55, pp. 2548-2555 (June 15, 1995).   |                       |          |
|   |  | A22                |  | Monsky, <i>et al.</i> , "A Potential Marker Protease of Invasiveness, Seprase, Is Localized on Invadopodia of Human Malignant Melanoma Cells", <i>Cancer Research</i> , Vol. 54, pp. 5702-5710 (November 1, 1994).                   |                       |          |
|   |  | A23                |  | Kao, <i>et al.</i> , "Elastases in Human Breast Carcinoma Cell Lines", <i>Cancer Research</i> , Vol. 46, pp. 1355-1358 (March 1986).   |                       |          |
|   |  | A24                |  | Lundwall, "Characterization of the gene for Prostate-specific antigen, a human glandular kallikrein", <i>Biochemical and Biophysical Research Communications</i> , Vol. 161, No. 3, pp. 1151-1159 (1989).                            |                       |          |
|   |  | A25                |  | Riegman, <i>et al.</i> , "Characterization of the Prostate-Specific Antigen Gene: A Novel Human Kallikrein-Like Gene", <i>Biochemical and Biophysical Research Communications</i> , Vol. 159, No. 1 (1989).                          |                       |          |
|   |  | A26                |  | Miszczuk-Jamska, <i>et al.</i> , Characterization of trypsinogens 1 and 2 in two human pancreatic adenocarcinoma cell lines; CFPAC-1 and CAPAN-1, <i>FEBS</i> , Vol. 294, No. 3, pp. 175-178 (1991).                                 |                       |          |
|   |  | A27                |  | Prockop, <i>et al.</i> , "Collagens: Molecular Biology, Diseases, and Potentials for Therapy", <i>Annu. Rev. Biochem.</i> , Vol. 64, pp. 403-434 (1995).   |                       |          |
|   |  | A28                |  | Ichijo, <i>et al.</i> , "Molecular Cloning and Characterization of Ficolin, a Multimeric Protein with Fibrinogen- and Collagen-like Domains", <i>The Journal of Biological Chemistry</i> , Vol. 268, No. 19, pp. 14505-14513 (1993). |                       |          |
|   |  | A29                |  | Wetzels, <i>et al.</i> , "Distribution Patterns of Type VII Collagen in Normal and Malignant Human Tissues", <i>American Journal of Pathology</i> , Vol. 139, No. 2, pp. 451-459 (August 1991).                                      |                       |          |
|   |  | A30                |  | Bellahcène, <i>et al.</i> , "Expression of Bone Sialoprotein, a Bone Matrix Protein, in Human Breast Cancer", <i>Cancer Research</i> , Vol. 54, pp. 2823-2826 (June 1, 1994).  |                       |          |
|   |  | A31                |  | von der Mark, <i>et al.</i> , "Laminin and its receptor", <i>Biochimica et Biophysica Acta</i> , Vol. 823, pp. 147-160 (1985).   |                       |          |
|   |  | A32                |  | Hunt, "The Role of Laminin in Cancer Invasion and Metastasis", <i>Expl Cell Biol</i> , Vol. 57, pp. 165-176 (1989).  |                       |          |
|   |  | A33                |  | Schmidtchen, <i>et al.</i> , "Hydrophobic Interaction Chromatography of Fibroblast Proteoglycans", <i>Biomedical Chromatography</i> , Vol. 7, pp. 48-55 (1993).  |                       |          |
|   |  | A34                |  | Barclay, <i>et al.</i> , "Protein Superfamilies and Cell Surface Molecules", <i>The Leucocyte Antigen Facts Book</i> , pp. 38-87 (1993).   |                       |          |
|   |  | A35                |  | Pigott, <i>et al.</i> , "The Adhesion Molecule Facts Book", pp. 1-21 (1993).   |                       |          |

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U.S. DEPARTMENT OF COMMERCE  
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## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | NAME   | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|--------------------|--|-------|----------|-------------------------------|
| DAI                  | A36                | Ayad, <i>et al.</i> , "The Extracellular Matrix Facts Book", pp. 8-16 (1994).  |       |          |                               |
|                      | A37                | Oyama, <i>et al.</i> , "Qualitative and Quantitative Changes of Human Tenascin Expression in Transformed Lung Fibroblast and Lung Tumor Tissues: Comparison with Fibronectin", <i>Cancer Research</i> , Vol. 51, pp. 4876-4881 (September 15, 1991).               |       |          |                               |
|                      | A38                | Herlyn, <i>et al.</i> , "Characterization of Tenascin Secreted by Human Melanoma Cells", <i>Cancer Research</i> , Vol. 51, (September 15, 1991).   |       |          |                               |
|                      | A39                | Olson, <i>et al.</i> , "bHLH factors in muscle development: dead lines and commitments, what to leave in and what to leave out", <i>Genes &amp; Development</i> , Vol. 8, pp. 1-8 (1994).  |       |          |                               |
|                      | A40                | Arceci, <i>et al.</i> , "Mouse GATA-4: a Retinoic Acid-Inducible GATA-Binding Transcription Factor Expressed in Endodermally Derived Tissues and Heart", <i>Molecular and Cellular Biology</i> , Vol. 13, No. 4, pp. 2235-2246 (Apr. 1993).                        |       |          |                               |
|                      | A41                | IP, <i>et al.</i> , "The GATA-4 Transcription Factor Transactivates the Cardiac Muscle-Specific Troponin C Promoter-Enhancer in Nonmuscle Cells", <i>Molecular and Cellular Biology</i> , Vol. 14, No. 11, (Nov. 1994).  |       |          |                               |
|                      | A42                | Yu, <i>et al.</i> , "Human myocyte-specific enhancer factor 2 comprises a group of tissue-restricted MADS box transcription factors", <i>Genes &amp; Development</i> , Vol. 6, pp. 1783-1798 (1992).   |       |          |                               |
|                      | A43                | Weintraub, <i>et al.</i> , "MyoD binds cooperatively to two sites in a target enhancer sequence: Occupancy of two sites is required for activation", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, pp. 5623-5627 (August 1990).                                     |       |          |                               |
|                      | A44                | Molkentin, <i>et al.</i> , "Transcription Factor GATA-4 Regulates Cardiac Muscle-Specific Expression of the $\alpha$ -Myosin Heavy-Chain Gene", <i>Molecular and Cellular Biology</i> , Vol. 14, No. 7, pp. 4947-4957 (July 1994).                                 |       |          |                               |
|                      | A45                | Dougherty, <i>et al.</i> , "Gene Therapy-based Approaches to the Treatment of Cancer: Development of Targetable Retroviral Vectors", <i>Transfus. Sci.</i> , Vol. 17, No. 1, pp. 121-128 (1996).   |       |          |                               |
|                      | A46                | Huston, <i>et al.</i> , "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 85, pp. 5879-5883 (August 1988). |       |          |                               |
|                      | A47                | McCafferty, <i>et al.</i> , "Phage antibodies: filamentous phage displaying antibody variable domains", <i>Nature</i> , Vol. 348, pp. 552-554 (December 1990).   |       |          |                               |
|                      | A48                | Jespers, <i>et al.</i> , "Guiding the Selection of Human Antibodies from Phage Display Repertoires to a Single Epitope of an Antigen", <i>Bio/Technology</i> , Vol. 12, pp. 899-903 (September 1994).  |       |          |                               |
|                      | A49                | Jones, <i>et al.</i> , "Replacing the complementarity-determining regions in a human antibody with those from a mouse", <i>Nature</i> , Vol. 321, pp. 522-525 (May 1986).  |       |          |                               |
|                      | A50                | Lichtenstein, <i>et al.</i> , "Definition and functional analysis of the signal/anchor domain of the human respiratory syncytial virus glycoprotein G", <i>Journal of General Virology</i> , Vol. 77, pp. 109-118 (1996).  |       |          |                               |
|                      | A51                | Harris, "Growth factors and receptors in cancer", <i>Current Opinion in Biotechnology</i> , Vol. 2, pp. 260-268 (1991).  |       |          |                               |
|                      | A52                | Callard <i>et al.</i> , The Cytokine Facts Book.   |       |          |                               |
|                      | A53                | Miettinen, <i>et al.</i> , "Synovial Sarcoma — A Misnomer", <i>Am J Pathol</i> , Vol. 117, No. 1, pp. 18-25 (1984).  |       |          |                               |
|                      | A54                | Wojciak, <i>et al.</i> , "The accumulation of inflammatory cells in synovial sheath and epitenon during adhesion formation in healing rat flexor tendons", <i>Clin Exp Immunol</i> , Vol. 93, pp. 108-114 (1993).  |       |          |                               |

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## LIST OF REFERENCES CITED BY APPLICANT(S)

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## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE<br>PATENT & TRADEMARK<br>OFFICE | NAME  | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|--------------------|--------------------------------------|---|-------|----------|-------------------------------|
| Jas                  | A55                |                                      | Mirsky, <i>et al.</i> , "Characterization of a plasma membrane protein present in non-myelin-forming PNS and CNS glia, a subpopulation of PNS neurons, perineurial cells and smooth muscle in adult rats", <i>Cell Tissue Res.</i> , Vol. 240, pp. 723-733 (1985).    |       |          |                               |
|                      | A56                |                                      | Coakham, <i>et al.</i> , "Diagnosis of Cerebral Neoplasms Using Monoclonal Antibodies", <i>Prog. exp. Tumor Res.</i> , Vol. 29, pp. 57-77 (1985).   |       |          |                               |
|                      | A57                |                                      | McKeever, <i>et al.</i> , "Patterns of Antigenic Expression of Human Glioma Cells", <i>Neurobiology</i> , Volume 6, Issue 2, pp. 119-145 (1991).  |       |          |                               |
|                      | A58                |                                      | Nybroe, <i>et al.</i> , "Biosynthesis of the Neural Cell Adhesion Molecule: Characterization of Polypeptide C", <i>The Journal of Cell Biology</i> , Vol. 101, pp. 2310-2315 (December 1985).   |       |          |                               |
|                      | A59                |                                      | MacGillivray, <i>et al.</i> , "Recombinant Genetic Approaches to Functional Mapping of Thrombin", <i>Annals New York Academy of Sciences</i> , pp. 73-79.   |       |          |                               |
|                      | A60                |                                      | Cripe, <i>et al.</i> , "Structure of the Gene for Human Coagulation Factor V", <i>Biochemistry</i> , Vol. 31, pp. 3777-3785 (1992).   |       |          |                               |
|                      | A61                |                                      | Jenny, <i>et al.</i> , "Complete cDNA and derived amino acid sequence of human factor V", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 84, pp. 4846-4850 (July 1987).   |       |          |                               |
|                      | A62                |                                      | O'Hara, <i>et al.</i> , "Nucleotide sequence of the gene coding for human factor VII, a vitamin K-dependent protein participating in blood coagulation", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 84, pp. 5158-5162 (August 1987).                                    |       |          |                               |
|                      | A63                |                                      | Yoshitake, <i>et al.</i> , "Nucleotide Sequence of the Gene for Human Factor IX" (Antihemophilic Factor B), <i>Biochemistry</i> , Vol. 24, pp. 3736-3750 (1985).  |       |          |                               |
|                      | A64                |                                      | Messier, <i>et al.</i> , "Cloning and expression in COS-1 cells of a full-length cDNA encoding human coagulation factor X", <i>Gene</i> , Vol. 99, pp. 291-294 (1991).  |       |          |                               |
|                      | A65                |                                      | Shibuya, <i>et al.</i> , "Primary structure of bovine Hageman factor (blood coagulation factor XII): comparison with human and guinea pig molecules", <i>Biochimica et Biophysica Acta</i> , Vol. 1206, pp. 63-70 (1994).   |       |          |                               |
|                      | A66                |                                      | Que, <i>et al.</i> , "Characterization of a cDNA Coding for Human Factor XII", <i>Biochemistry</i> , Vol. 25, pp. 1525-1528 (1986).   |       |          |                               |
|                      | A67                |                                      | Tripodi, <i>et al.</i> , "cDNA sequence coding for human coagulation factor XII", <i>Nucleic Acids Research</i> , Vol. 14, No. 7, pp. 3146-3147 (1986).   |       |          |                               |
|                      | A68                |                                      | Chen, <i>et al.</i> , "Molecular cloning, purification and <i>in situ</i> localization of human colon kallikrein", <i>Biochem. J.</i> , Vol. 307, pp. 481-486 (1995).   |       |          |                               |
|                      | A69                |                                      | Fukushima, <i>et al.</i> , "Nucleotide Sequence of Cloned cDNA for Human Pancreatic Kallikrein", <i>Biochemistry</i> , Vol. 24, pp. 8037-8043 (1985).   |       |          |                               |
|                      | A70                |                                      | Panchal, <i>et al.</i> , "Tumor protease-activated, pore-forming toxins from a combinatorial library", <i>Nature Biotechnology</i> , Vol. 14, pp. 852-856 (July 1996).  |       |          |                               |
|                      | A71                |                                      | Yoshida, <i>et al.</i> , "Prostate-Specific Antigen Activates Single-Chain Urokinase-Type Plasminogen Activator", <i>Int. J. Cancer</i> , Vol. 63, pp. 863-865 (1995).  |       |          |                               |
|                      | A72                |                                      | Petersen, <i>et al.</i> , "Characterization of the Gene for Human Plasminogen, a Key Proenzyme in the Fibrinolytic System", <i>The Journal of Biological Chemistry</i> , Vol. 265, No. 11, pp. 6104-6111 (1990).  |       |          |                               |
|                      | A73                |                                      | Cramer, <i>et al.</i> , "Prostate Specific Antigen Cleaves Parathyroid Hormone-Related Protein in the PTH-Like Domain: Inactivation of PTHrP-Stimulated cAMP Accumulation in Mouse Osteoblasts", <i>The Journal of Urology</i> , Vol. 156, pp. 526-531 (August 1996). |       |          |                               |

|   |   |  |  |                       |                               |
|---|---|--|--|-----------------------|-------------------------------|
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| PATENT DOCUMENTS  |   |  |  |                       |                               |
| *EXAMINER<br>INITIAL  | DOCUMENT<br>NUMBER  | NAME   |  | CLASS                 | FILING DATE IF<br>APPROPRIATE |
| Hais  | A74   | Forsgren, <i>et al.</i> , "Molecular cloning and characterization of a full-length cDNA clone for human plasminogen", <i>FEBS letters</i> , Vol. 213, number 2, pp. 254-260 (March 1987).  |  |                       |                               |
|   | A75   | Zhang, <i>et al.</i> , "Purification and Characterization of Different Molecular Forms of Prostate-Specific Antigen in Human Seminal Fluid", <i>Clinical Chemistry</i> , Vol. 41, No. 11, pp. 1567-1573 (1995).  |  |                       |                               |
|   | A76   | Schechter <i>et al.</i> , "On the Size of the Active Site in Proteases", <i>Biochemical and Biophysical Research Communications</i> , Vol. 27, No. 2, pp. 157-162 (1967).  |  |                       |                               |
|   | A77   | Rosenberg, <i>et al.</i> , "Grafting Genetically Modified Cells to the Damaged Brain: Restorative Effects of NGF Expression", <i>Science</i> , Vol. 242, pp. 1575-1578 (1988).   |  |                       |                               |
|   | A78   | Wolff, <i>et al.</i> , "Grafting fibroblasts genetically modified to produce L-dopa in a rat model of Parkinson disease", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 86, pp. 9011-9014 (November 1989).  |  |                       |                               |
|   | A79   | Racchi, <i>et al.</i> , "Human Coagulation Factor X Deficiency Caused by a Mutant Signal Peptide That Blocks Cleavage by Signal Peptidase but Not Targeting and Translocation to the Endoplasmic Reticulum", <i>The Journal of Biological Chemistry</i> , Vol. 268, No. 8, pp. 5735-5740 (1993). |  |                       |                               |
|   | A80   | Graham, <i>et al.</i> , "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA", <i>Virology</i> , Vol. 52, pp. 456-467 (1973).   |  |                       |                               |
|   | A81   | Watzke, <i>et al.</i> , "Evidence that the Severe Clinical Phenotype Arises from a Mutation Blocking Secretion", <i>J. Clin. Invest.</i> , Vol. 88, pp. 1685-1689 (November 1991).   |  |                       |                               |
|   | A82   | Seitz, <i>et al.</i> , "Activators of Coagulation in Cultured Human Lung-Tumor Cells", <i>Int. J. Cancer</i> , Vol. 53, pp. 514-520 (1993).  |  |                       |                               |
|   | A83   | Sedlacek, <i>et al.</i> , "Antibodies as Carriers of Cytotoxicity", pp. 114-133.   |  |                       |                               |
|   | A84   | Monoclonal Antibodies in Tumor Therapy, pp. 42-49.   |  |                       |                               |
|   | A85   | Lee, <i>et al.</i> , "Cloning of the GATA-binding Protein That Regulates Endothelin-1 Gene Expression in Endothelial Cells", <i>The Journal of Biological Chemistry</i> , Vol. 266, No. 24, pp. 16188-16192 (1991).  |  |                       |                               |
|   | A86   | Dorfman, <i>et al.</i> , "Human Transcription Factor GATA-2", <i>The Journal of Biological Chemistry</i> , Vol. 267, No. 2, pp. 1279-1285 (1992).  |  |                       |                               |
|   | A87   | Wilson, <i>et al.</i> , "A Nonerythroid GATA-Binding Protein Is Required for Function of the Human Preproendothelin-1 Promoter in Endothelial Cells", <i>Molecular and Cellular Biology</i> , Vol. 10, No. 9, pp. 4854-4862 (1990).  |  |                       |                               |
|   | A88   | Lucibello, <i>et al.</i> , "Periodic <i>cdc25C</i> transcription is mediated by a novel cell cycle-regulated repressor element" (CDE). <i>The EMBO Journal</i> , Vol. 14, No. 1, pp. 132-142 (1995).   |  |                       |                               |
|   | A89   | Winter, <i>et al.</i> , "Making Antibodies by Phage Display Technology", <i>Annu. Rev. Immunol.</i> , Vol. 12, pp. 433-455 (1994).   |  |                       |                               |
|   | A90   | Hoogenboom, <i>et al.</i> , "Building Antibodies from their genes", <i>Rev. Fr. Transfus. Hémobiol.</i> , Vol. 36, pp. 19-47 (1993).   |  |                       |                               |
|   | A91   | Winter, <i>et al.</i> , "Making Antibodies by Phage Display Technology", <i>Annu. Rev. Immunol.</i> , Vol. 12, pp. 433-455 (1994).   |  |                       |                               |
|   | A92   | Smith, "Filamentous Fusion Phage: Novel Expression Vectors That Display Cloned Antigens on the Virion Surface", <i>Science</i> , Volume 228, pp. 1315-1317 (June 1985).  |  |                       |                               |
| A93   | Saiki, <i>et al.</i> , "Enzymatic Amplification of $\beta$ -Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia", <i>Science</i> , Vol. 230, pp. 1350-1354 (1985). |  |  |                       |                               |
| A94   | Orlandi, <i>et al.</i> , "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 86, pp. 3833-3837 (May 1989).                |  |  |                       |                               |

FORM PTO 1449 (modified)

ATTY DOCKET NO. 026083/0195

SERIAL NO. 09/256,237

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPPLICANT: Hans Heinrich HEIDTMANN *et al.*LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

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GROUP : Not Assigned

Date Submitted to PTO: December 6, 1999

DEC 06 1999

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE<br>SUBMITTED | NAME   | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|--------------------|-------------------|--|-------|----------|-------------------------------|
| Dais                 | A95                |                   | Skerra, <i>et al.</i> , "Assembly of a Functional Immunoglobulin F <sub>1</sub> Fragment in <i>Escherichia coli</i> ", <i>Science</i> , Vol. 24, pp. 1038-1041 (May 1998).   |       |          |                               |
|                      | A96                |                   | Bird, <i>et al.</i> , "Single-Chain Antigen-Binding Proteins", <i>Science</i> , Vol. 242, pp. 423-425 (October 1998).  |       |          |                               |
|                      | A97                |                   | Better, <i>et al.</i> , " <i>Escherichia coli</i> Secretion of an Active Chimerical Antibody Fragment", <i>Science</i> , Vol. 240, pp. 1041-1043 (May 1988).   |       |          |                               |
|                      | A98                |                   | McCafferty, <i>et al.</i> , Phage antibodies: filamentous phage displaying antibody variable domains, <i>Nature</i> , Vol. 348, pp. 552-554 (December 1990).   |       |          |                               |
|                      | A99                |                   | Breitling, <i>et al.</i> , "A surface expression vector for antibody screening", <i>Gene</i> , Vol. 104, pp. 147-153 (1991).   |       |          |                               |
|                      | A100               |                   | Hoogenboom, <i>et al.</i> , "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains", <i>Nucleic Acids Research</i> , Vol. 19, No. 15, pp. 4133-4137 (1991).   |       |          |                               |
|                      | A101               |                   | Barbas III, <i>et al.</i> , "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88, pp. 7978-7982 (1991).  |       |          |                               |
|                      | A102               |                   | Marks, <i>et al.</i> , "By-passing Immunization Human Antibodies from V-gene Libraries Displayed on Phage", <i>J. Mol. Biol.</i> , Vol. 222, pp. 581-597 (1991).   |       |          |                               |
|                      | A103               |                   | Hawkins, <i>et al.</i> , "Selection of Phage Antibodies by Binding Affinity Mimicking Affinity Maturation", <i>J. Mol. Biol.</i> , Vol. 226, pp. 889-896 (1992).   |       |          |                               |
|                      | A104               |                   | Marks, <i>et al.</i> , "Human Antibody Fragments Specific for Human Blood Group Antigens from a Phage Display Library", <i>Bio/Technology</i> , Vol. 11, pp. 1145-1149 (October 1993).   |       |          |                               |
|                      | A105               |                   | Sastry, <i>et al.</i> , "Cloning of the immunological repertoire in <i>Escherichia coli</i> for generation of monoclonal catalytic antibodies: Construction of a heavy chain variable region-specific cDNA library", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 86, pp. 5728-5732 (August 1989). |       |          |                               |
|                      | A106               |                   | Ward, <i>et al.</i> , "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ", <i>Nature</i> , Vol. 341, pp. 544-546 (October 1989).   |       |          |                               |
|                      | A107               |                   | Clackson, <i>et al.</i> , "Making antibody fragments using phage display libraries", <i>Nature</i> , Vol. 352, pp. 624-628 (August 1991).  |       |          |                               |
|                      | A108               |                   | Mullinax, <i>et al.</i> , "Identification of human antibody fragment clones specific for tetanus toxoid in a bacteriophage $\lambda$ immunoexpression library", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, pp. 8095-8099 (October 1990).   |       |          |                               |
|                      | A109               |                   | Orlandi, <i>et al.</i> , "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 86, pp. 3833-3837 (May 1989).   |       |          |                               |
|                      | A110               |                   | Larrick, <i>et al.</i> , "Rapid Cloning of Rearranged Immunoglobulin Genes From Human Hybridoma Cells Using Mixed Primers and the Polymerase Chain Reaction", <i>Biochemical and Biophysical Research Communications</i> , Vol. 160, No. 3, pp. 1250-1256 (May 1989).                          |       |          |                               |
|                      | A111               |                   | Marks, <i>et al.</i> , "Oligonucleotide primers for polymerase chain reaction amplification of human immunoglobulin variable genes and design of family-specific oligonucleotide probes", <i>Eur J. Immunol.</i> , Vol. 21, pp. 985-991 (1991).  |       |          |                               |
|                      | A112               |                   | Marks, <i>et al.</i> , "By-passing Immunization Human Antibodies from V-gene Libraries Displayed on Phage", <i>J. Mol. Biol.</i> , Vol. 222, pp. 581-597 (1991).   |       |          |                               |
|                      | A113               |                   | Hoogenboom, <i>et al.</i> , "By-passing Immunisation Human Antibodies from Synthetic Repertoires of Germline V <sub>H</sub> Gene Segments Rearranged <i>in Vitro</i> ", <i>J. Mol. Biol.</i> , Vol. 227, pp. 381-388 (1992).   |       |          |                               |

FORM PTO 1449 (modified)

ATTY DOCKET NO. 026083/0195

SERIAL NO. 09/256,237

U.S. DEPARTMENT OF COMMERCE  
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DEC 06 1999

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | NAME  | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|--------------------|---|-------|----------|-------------------------------|
| Dea                  | A114               | Barbas, <i>et al.</i> , "Semisynthetic combinatorial antibody libraries: A chemical solution to the diversity problem", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 4457-4461 (May 1992).  |       |          |                               |
|                      | A115               | Nissim, <i>et al.</i> , "Antibody fragments from a 'single pot' phage display library as immunochemical reagents", <i>The EMBO Journal</i> , Vol. 13, No. 3, pp. 692-698 (1994).  |       |          |                               |
|                      | A116               | Griffiths, <i>et al.</i> , "Isolation of high affinity human antibodies directly from large synthetic repertoires", <i>The EMBO Journal</i> , Vol. 13, No. 14, pp. 3245-3260 (1994).  |       |          |                               |
|                      | A117               | Gram, <i>et al.</i> , "In vitro selection and affinity maturation of antibodies from a naïve combinatorial immunoglobulin library", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 3576-3580 (April 1992).  |       |          |                               |
|                      | A118               | Glaser, <i>et al.</i> , "Antibody Engineering By Codon-Based Mutagenesis In A Filamentous Phage Vector System", <i>The Journal of Immunology</i> , Vol. 149, No. 12, pp. 3903-3913 (December 1992).   |       |          |                               |
|                      | A119               | Balint, <i>et al.</i> , "Antibody engineering by parsimonious mutagenesis", <i>Gene</i> , Vol. 137, pp. 109-118 (1993).   |       |          |                               |
|                      | A120               | Marks, <i>et al.</i> , "By-Passing Immunization: Building High Affinity Human Antibodies By Chain Shuffling", <i>BIO/TECHNOLOGY</i> , Vol. 10, pp. 779-782 (July 1992).   |       |          |                               |
|                      | A121               | Low, <i>et al.</i> , "Mimicking Somatic Hypermutation: Affinity Maturation of Antibodies Displayed on Bacteriophage Using a Bacterial Mutator Strain", <i>J. Mol. Biol.</i> , Vol. 260, pp. 359-368 (1996).   |       |          |                               |
|                      | A122               | Hawkins, <i>et al.</i> , "Selection of Phage Antibodies by Binding Affinity Mimicking Affinity Maturation", <i>J. Mol. Biol.</i> , Vol. 226, pp. 889-896 (1992).  |       |          |                               |
|                      | A123               | Jespers, <i>et al.</i> , "Guiding the selection of human antibodies from phage display repertoires to a single epitope of an antigen", <i>Biotechnology</i> , pp. 899-903 (1994) (Abstract).  |       |          |                               |
|                      | A124               | Cosman, <i>et al.</i> , "Human Macrophage Colony Stimulating Factor (M-CSF): Alternate RNA Splicing Generates Three Different Proteins that are Expressed on the Cell Surface and Secreted", <i>Behring Inst. Mitt.</i> , No. 83, pp. 15-26 (1988).               |       |          |                               |
|                      | A125               | Vijaya, <i>et al.</i> , "Transport to the Cell Surface of a Peptide Sequence Attached to the Truncated C Terminus of an N-Terminally Anchored Integral Membrane Protein", <i>Molecular and Cellular Biology</i> , Vol. 8, No. 4, pp. 1709-1714 (Apr. 1988).       |       |          |                               |
|                      | A126               | Lichtenstein, <i>et al.</i> , "Definition and functional analysis of the signal/anchor domain of the human respiratory syncytial virus glycoprotein G", <i>Journal of General Virology</i> , Vol. 77, pp. 109-118 (1996).   |       |          |                               |
|                      | A127               | Brown, <i>et al.</i> , "Redundancy of Signal and Anchor Functions in the NH <sub>2</sub> -Terminal Uncharged Region of Influenza Virus Neuraminidase, a Class II Membrane Glycoprotein", <i>Journal of Virology</i> , Vol. 62, No. 10, pp. 3824-3831 (Oct. 1988). |       |          |                               |
|                      | A128               | Ferguson <i>et al.</i> , "Cell-Surface Anchoring of Proteins Via Glycosyl-Phosphatidylinositol Structures", <i>Ann. Rev. Biochem.</i> , Vol. 57, pp. 285-320 (1988).  |       |          |                               |
|                      | A129               | Berling, <i>et al.</i> , "Cloning of a Carcinoembryonic Antigen Gene Family Member Expressed in Leukocytes of Chronic Myeloid Leukemia Patients and Bone Marrow", <i>Cancer Research</i> , Vol. 60, pp. 6534-6539 (October 1990).                                 |       |          |                               |
|                      | A130               | Cunningham, <i>et al.</i> , "Neural Cell Adhesion Molecule: Structure, Immunoglobulin-Like Domains, Cell Surface Modulation, and Alternative RNA Splicing", <i>Articles</i> , pp. 799-805 (May 1987).   |       |          |                               |
|                      | A131               | Clissold, "A cDNA construct of tissue inhibitor of metalloproteinases (TIMP) linked to the last exon of Thy-1 confers glycopospholipid anchorage on this naturally secreted protein", <i>Biochem.</i> , Vol. 281, pp. 129-136 (1992).                             |       |          |                               |
|                      | A132               | Selvaraj, <i>et al.</i> , "The major Fc receptor in blood has a phosphatidylinositol anchor and is deficient in paroxysmal nocturnal haemoglobinuria", <i>Nature</i> , Vol. 333, pp. 565-567 (June 1988).   |       |          |                               |

FORM PTO 1449 (modified)

ATTY DOCKET NO. 026083/0195

SERIAL NO. 09/256,237

U.S. DEPARTMENT OF COMMERCE  
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LIST OF REFERENCES CITED BY APPLICANT(S)

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DEC 06 1999

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE<br>PATENT & TRADEMARK OFFICE | NAME   | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|--------------------|-----------------------------------|--|-------|----------|-------------------------------|
| TJ                   | A133               |                                   | Burrows, <i>et al.</i> , "Vascular Targeting—A New Approach to the Therapy of Solid Tumors", <i>Pharmac. Ther.</i> , Vol. 64, pp. 155-174 (1994).  |       |          |                               |
|                      | A134               |                                   | Hughes, <i>et al.</i> , "Monoclonal Antibody Targeting of Liposomes to Mouse Lung <i>in Vivo</i> ", <i>Cancer Research</i> , Vol. 49, pp. 6214-6220 (November 1989).   |       |          |                               |
|                      | A135               |                                   | Maruyama, <i>et al.</i> , "Lipid composition is important for highly efficient target binding and retention of immunoliposomes", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, pp. 5744-5748 (August 1990).   |       |          |                               |
|                      | A136               |                                   | Pusztai, <i>et al.</i> , "Growth Factors: Regulation of Normal and Neoplastic Growth", <i>Journal of Pathology</i> , Vol. 169, pp. 191-201 (1993).   |       |          |                               |
|                      | A137               |                                   | Augustin-Voss, <i>et al.</i> , "Migrating Endothelial Cells are Distinctly Hyperglycosylated and Express Specific Migration-associated Cell Surface Glycoproteins", <i>The Journal of Cell Biology</i> , Vol. 119, Number 2, pp. 483-491 (October 1992). |       |          |                               |
|                      | A138               |                                   | Pauli, <i>et al.</i> , "Organ-preference of metastasis", <i>Cancer and Metastasis Reviews</i> , Vol. 9, pp. 175-189 (1990).  |       |          |                               |
|                      | A139               |                                   | Honn, <i>et al.</i> , "Adhesion molecules and tumor cell interaction with endothelium and subendothelial matrix", <i>Cancer and Metastasis Reviews</i> , Vol. 11, pp. 353-375 (1992).  |       |          |                               |
|                      | A140               |                                   | Speir, <i>et al.</i> , "Potential Role of Human Cytomegalovirus and p53 Interaction in Coronary Restenosis", <i>Science</i> , Vol. 265, pp. 391-394 (July 1994).   |       |          |                               |
|                      | A141               |                                   | Powelson, <i>et al.</i> , "Monoclonal Antibodies in Organ Transplantation," <i>Biotech. Adv.</i> , Vol. 11, pp. 725-740 (1993).  |       |          |                               |
|                      | A142               |                                   | Rojanasakul, <i>et al.</i> , "Targeted Gene Delivery to Alveolar Macrophages via Fc Receptor-Mediated Endocytosis", <i>Pharmaceutical Research</i> , Vol. 11, No. 12, pp. 1731-1736 (1994).  |       |          |                               |
|                      | A143               |                                   | Perales, <i>et al.</i> , "An evaluation of receptor-mediated gene transfer using synthetic DNA-ligand complexes", <i>Eur. J. Biochem</i> , Vol. 226, pp. 255-266 (1994).   |       |          |                               |
|                      | A144               |                                   | Kristensen, <i>et al.</i> , "Immunophenotyping in acute leukaemia, myelodysplastic syndromes and hairy cell leukaemia", <i>Danish Medical Bulletin</i> , Vol. 41, pp. 52-65 (February 1994).   |       |          |                               |
|                      | A145               |                                   | Schranz, V., "Monoclonal Antibodies: New Diagnostic and Therapeutic Means in Acute Leukaemias", <i>Third Department of Medicine, Semmelweis University Medical School, Budapest</i> , pp. 3-12.  |       |          |                               |
|                      | A146               |                                   | Drexler, <i>et al.</i> , "The Use of Monoclonal Antibodies for the Identification and Classification of Acute Myeloid Leukemias", <i>Leukemia Research</i> , Vol. 10, No. 3, pp. 279-290 (1986).   |       |          |                               |
|                      | A147               |                                   | Naeim, <i>et al.</i> , "Selection of Monoclonal Antibodies in the Diagnosis and Classification of Leukemias", <i>Disease Markers</i> , Vol. 7, pp. 1-14 (1989).  |       |          |                               |
|                      | A148               |                                   | Stickney, <i>et al.</i> , "Biologic response modifiers: therapeutic approaches to lymphoproliferative diseases", <i>Current Opinion in Oncology</i> , Vol. 4, pp. 847-855 (1992).  |       |          |                               |
|                      | A149               |                                   | Drexler, <i>et al.</i> , "Routine immunophenotyping of acute leukaemias", <i>Blut</i> , pp. 327-339 (1988).  |       |          |                               |
|                      | A150               |                                   | Freedman, <i>et al.</i> , "B-Cell Monoclonal Antibodies and Their Use in Clinical Oncology", <i>Cancer Investigations</i> , Vol. 9, pp. 69-84 (1991).  |       |          |                               |
|                      | A151               |                                   | Cross, <i>et al.</i> , "Growth Factors in Development, Transformation, and Tumorigenesis", <i>Cell</i> , Vol. 64, pp. 271-280 (January 1991).  |       |          |                               |
|                      | A152               |                                   | Aulitzky, <i>et al.</i> , "Interleukins Clinical Pharmacology and Therapeutic Use", <i>Drugs</i> , Vol. 48, pp. 667-677 (1994).  |       |          |                               |
|                      | A153               |                                   | Moore, Malcolm A.S., "Hematopoietic Reconstruction: New Approaches", <i>Clinical Cancer Research</i> , Vol. 1, pp. 3-9 (January 1995).   |       |          |                               |



|   |      |   |   |       |                       |                               |
|---|------|---|---|-------|-----------------------|-------------------------------|
| SHEET 9 of 10   |      |   |   |       |                       |                               |
| FORM PTO 1449 (modified)  |      |   | ATTY DOCKET NO. 026083/0195   |       | SERIAL NO. 09/256,237 |                               |
| U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE                    |      |   | APPLICANT: Hans Heinrich HEIDTMANN <i>et al.</i>  |       |                       |                               |
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| U.S. PATENT DOCUMENTS   |      |   |   |       |                       |                               |
| *EXAMINER<br>INITIAL  |      | DOCUMENT<br>NUMBER  | NAME  | CLASS | SUBCLASS              | FILING DATE IF<br>APPROPRIATE |
| Dais  |      | A154  | Van Kooten, <i>et al.</i> , "Cytokines and Intracellular Signals Involved in the Regulation of B-CLL Proliferation", <i>Leukemia and Lymphoma</i> , Vol. 12, pp. 27-33 (1993).  |       |                       |                               |
|   |      | A155  | Morrissey, <i>et al.</i> , "Molecular Cloning of the cDNA for Tissue Factor, the Cellular Receptor for the Initiation of the Coagulation Protease Cascade", <i>Cell</i> , Vol. 50, pp. 129-135 (July 1987).   |       |                       |                               |
|   |      | A156  | Scarpati, <i>et al.</i> , "Human Tissue Factor: cDNA Sequence and Chromosome Localization of the Gene", <i>Biochemistry</i> , Vol. 26, pp. 5234-5238 (1987).  |       |                       |                               |
|   |      | A157  | Spicer, <i>et al.</i> , "Isolation of cDNA clones coding for human tissue factor: Primary structure of the protein and cDNA", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 84, pp. 5148-5152 (August 1987).   |       |                       |                               |
|   |      | A158  | Rehemtulla, <i>et al.</i> , "High Level Expression of Recombinant Human Tissue Factor in Chinese Hamster Ovary Cells as a Human Thromboplastin", <i>Thrombosis and Haemostasis</i> , Vol. 65, pp. 521-527 (1991).   |       |                       |                               |
|   |      | A159  | Fritzinger, <i>et al.</i> , "Molecular cloning and derived primary structure of cobra venom factor", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 12775-12779 (December 1994).  |       |                       |                               |
|   |      | A160  | De Bruijn, <i>et al.</i> , "Human complement component C3: cDNA coding sequence and derived primary structure", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 82, pp. 708-712 (February 1985).   |       |                       |                               |
|   |      | A161  | O'Keefe, <i>et al.</i> , "A Novel Cleavage Product of Human Complement Component C3 with Structural and Functional Properties of Cobra Venom Factor", <i>The Journal of Biological Chemistry</i> , Vol. 263, pp. 12690-12697 (1988).                              |       |                       |                               |
|   |      | A162  | Jarvis, <i>et al.</i> , "Induction of apoptotic DNA damage and cell death by activation of the sphingomyelin pathway", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 73-77 (January 1994).   |       |                       |                               |
|   |      | A163  | Cruciani, <i>et al.</i> , "Antibiotic magainins exert cytolytic activity against transformed cell lines through channel formation", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88, p. 3792-3796 (May 1991).   |       |                       |                               |
|   |      | A164  | Mountford, <i>et al.</i> , "Internal ribosome entry sites and dicistronic RNAs in mammalian transgenesis", <i>TIG</i> , Vol. 11, No. 5, pp. 179-184 (May 1995).   |       |                       |                               |
|   |      | A165  | Morgan, <i>et al.</i> , "Retroviral vectors containing putative internal ribosome entry sites: development of a polycistronic gene transfer system and applications to human gene therapy", <i>Nucleic Acids Research</i> , Vol. 20, No. 6, pp. 1293-1299 (1991). |       |                       |                               |
|   |      | A166  | Kaufman, <i>et al.</i> , "Improved vectors for stable expression of foreign genes in mammalian cells by use of the untranslated leader sequence from EMC virus", <i>Nucleic Acids Research</i> , Vol. 19, No. 16, pp. 4485-4490 (1991).                           |       |                       |                               |
|   |      | A167  | Dirks, <i>et al.</i> , "Dicistronic transcription units for gene expression in mammalian cells", <i>Gene</i> , Vol. 128, pp. 247-249 (1993).  |       |                       |                               |
|   |      | A168  | Pelletier, <i>et al.</i> , "Internal initiation of translation of eukaryotic mRNA directed by a sequence derived from poliovirus RNA", <i>Nature</i> , Vol. 334, pp. 320-325 (July 1988).   |       |                       |                               |
|   | A169 | Sugimoto, <i>et al.</i> , "Efficient Expression of Drug-selectable Genes in Retroviral Vectors Under Control of an Internal Ribosome Entry Site", <i>BIO/Technology</i> , Vol. 12, pp. 694-698 (July 1994).   |   |       |                       |                               |
|   | A170 | Riechmann, <i>et al.</i> , "Reshaping human antibodies for therapy", <i>Nature</i> , Vol. 24, pp. 323-327 (March 1988).   |   |       |                       |                               |
|   | A171 | Schrewe, <i>et al.</i> , "Cloning of the Complete Gene for Carcinoembryonic Antigen: Analysis of Its Promoter Indicates a Region Conveying Cell Type-Specific Expression", <i>Molecular And Cellular Biology</i> , Vol. 10, No. 6, pp. 2738-2748 (June 1990). |   |       |                       |                               |
|   | A172 | Berling, <i>et al.</i> , "Cloning of a Carcinoembryonic Antigen Gene Family Member Expressed in Leukocytes of Chronic Myeloid Leukemia Patients and Bone Marrow", <i>Cancer Research</i> , Vol. 50, pp. 6534-6539 (October 1990).                             |   |       |                       |                               |

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U.S. DEPARTMENT OF COMMERCE  
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U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | NAME   | CLASS                   | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|--------------------|--|-------------------------|----------|-------------------------------|
| Tas                  | A173               | Kozak, Marilyn, "The Scanning Model for Translation: An Update", <i>The Journal of Cell Biology</i> , Vol. 108, pp. 229-241 (February 1989).   |                         |          |                               |
|                      | A174               | Lucibello, <i>et al.</i> , "Periodic <i>cdc25C</i> transcription is mediated by a novel cell cycle-regulated repressor element (CDE)", <i>The EMBO Journal</i> , Vol. 14, No. 1, pp. 132-142 (1995).                           |                         |          |                               |
|                      | A175               | Zwicker, <i>et al.</i> , "Cell cycle regulation of <i>cdc25C</i> transcription is mediated by the periodic repression of the glutamine-rich activators N,F-Y and Sp1", <i>Nucleic Acids Research</i> , Vol. 23, No. 19 (1995). |                         |          |                               |
|                      | A176               | Jacob, <i>et al.</i> , "Potential therapeutic applications of magainins and other antimicrobial agents of animal origin", <i>Antimicrobial peptides</i> , pp. 197-223, (1994).   |                         |          |                               |
|                      | A177               | Peck-Miller, <i>et al.</i> , "Identification of serum components that inhibit the tumoricidal activity of amphiphilic alpha helical peptides", <i>Cancer Chemotherapy and Pharmacology</i> , Vol. 32, pp. 109-115 (1993).      |                         |          |                               |
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| EXAMINER             | Minh-TAM DAVIS     |  | DATE CONSIDERED 8/16/00 |          |                               |

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# 3

**LIST OF REFERENCES CITED BY APPLICANT(S)**  
(Use several sheets if necessary)

**APPLICANT: HEIDTMANN *et al.***

**FILING DATE: February 24, 1999**

GROUP: 1642

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M. T. DAVES

8/16/00

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